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INDEX

Page: 1

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LIBRARY OF CONGRESS 0 021 174 204 5	509	46	HD1484-HD1493.R9
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INDEX

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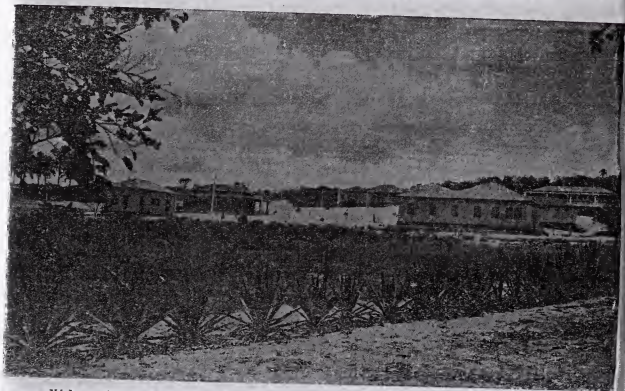
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GOVÊRNO DA PARAÍBA

#

COLÔNIA AGRÍCOLA DE CAMARATUBA

EMPREENDIMENTO DO GOVÊRNO RUY CARNEIRO



Núcleo central de Camaratuba

61-7559-2-2472

STORY OF THE IMPERIAL VALLEY

X-HD1527

#2

BY
FRANK
SPECTOR

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I.L.D.
PAMPHLET
No. 3

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X-HD 1536

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#3

**CONFEDERAZIONE FASCISTA
DEI LAVORATORI DELL'AGRICOLTURA**

**Contratto collettivo
di Compartecipazione
PER LA SICILIA**



VI ESORTO A MANTENERVI RURALI, RE-
STATE TENACEMENTE RURALI, PERCHÈ
COSÌ SARETE PIÙ VICINI AL MIO CUORE.

MUSSOLINI

X-HD 1536

.I 8

CONFEDERAZIONE FASCISTA DEI LAVORATORI DELL'AGRICOLTURA

Federazione Nazionale Fascista Salariati e Braccianti

#4

Contratto collettivo di lavoro

per i lavoratori addetti ai lavori di mietitura
del grano, segala, avena ed orzo nelle
province dell'Italia meridionale ed insulare

ROMA, 1938-XVI

X-H D 1536

.I 8 #5

CONFEDERAZIONE FASCISTA
DEI LAVORATORI DELL'AGRICOLTURA

COMITATO GIURIDICO

Osservazioni e proposte sul secondo
progetto del Libro del Lavoro
del nuovo Codice Civile



TIPOGRAFIA F. GARRONI - ROMA - 1941-XIX

X-H D 1536
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CONFEDERAZIONE FASCISTA DEI LAVORATORI DELL'AGRICOLTURA

DIREZIONE TECNICO CORPORATIVA

RACCOLTA DELLE DISPOSIZIONI

SULLE

TRATTENUTE DEI PRODOTTI
AGRICOLI E ZOOTECNICI

PER IL FABBISOGNO FAMILIARE
ED AZIENDALE DEI PRODUTTORI

(A tutto il 28 ottobre 1942-xxi)



ROMA

SOCIETÀ EDITRICE PUBBLICAZIONI AGRICOLE

1942 - XXI

CONFEDERAZIONE FASCISTA
LAVORATORI DELL'AGRICOLTURA

CONFEDERAZIONE FASCISTA
DEGLI AGRICOLTORI



CONTRATTO COLLETTIVO
PER LA CONDUZIONE A COLONIA CON OBBLIGO
DI MIGLIORIA DELLE UNITA PODERALI
DEL
LATIFONDO SICILIANO

LIBRETTO-CONTRATTO

Copia del Colono

S. A. TIPOGRAFICA ("ALDINA"),
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ROMA

X-#D 1536

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UNIONE PROV. FASCISTA LAVORATORI DELL'AGRICOLTURA

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Compagnia Militare

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di Landro

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Columbia Basin PROJECT

GRAND COULEE DAM AND POWER PLANT

X-HD1694

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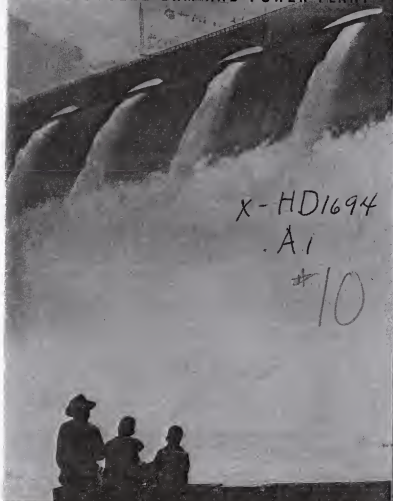


UNITED STATES DEPARTMENT OF THE INTERIOR
DOUGLAS McKAY, Secretary

BUREAU OF RECLAMATION
W. A. DEXHEIMER, Commissioner

Columbia Basin PROJECT

GRAND COULEE DAM AND POWER PLANT



UNITED STATES DEPARTMENT OF THE INTERIOR
FRED A. SEATON, Secretary

BUREAU OF RECLAMATION
W. A. DEXHEIMER, Commissioner

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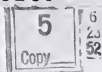
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THE ST. LAWRENCE WATERWAY PROJECT

by

E. M. RICHARDS
Vice President

Republic Steel Corporation



Cleveland, Ohio
April 25, 1952

A TALK BEFORE
THE SEVENTH ANNUAL MEETING OF
THE CLEVELAND WORLD TRADE CONFERENCE

CENTRAL VALLEY^{#18} PROJECT

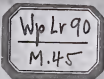
CALIFORNIA

X-HD/694
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UNITED STATES DEPARTMENT OF THE INTERIOR
Fred A. Seaton, Secretary

Bureau of Reclamation, W. A. Desheimer, Commissioner



X-HD/697

A5 #13

DIE VERWERTUNG DER WASSERKRAFT

UND IHRE

MODERNRECHTLICHE AUFGESTALTUNG

in den

WASSERWIRTSCHAFTLICH WICHTIGSTEN STAATEN EUROPAS

~~Utilization~~
(~~Valuation~~ of Water Power and Its
Recent Development in Its Legal
Administration in the Principal
Countries of Europe)

By

OTTO MAYR

Translated by L. Von Rancke

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#14



IRRIGATION WITH CONCRETE PIPE



Davis Dam Project

Arizona-California . . .

. . . Region III

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

Construction of Davis Dam was authorized in 1941 but was delayed on account of the war. Construction has now been resumed and will include the Dam and Power Plant on the Colorado River, with transmission lines and substations, and incidental features. The project will provide river regulation for power development, irrigation,

flood control, improvement of navigation, and municipal water supply.

An integrated power system for Davis Dam, Parker Dam, and Yuma project, and the Boulder Canyon project will serve central and eastern Arizona and the Imperial and Coachella Valleys in southern California. Davis Dam will provide river regulation for delivery of water to Mexico at the United States-Mexico international boundary as required by the recent treaty. Completion of Davis Dam within 5 years is an obligation of the United States under the treaty.

Repayment of Davis Dam costs allocated to power will be obtained from net power revenues.



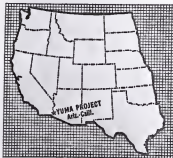
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Yuma Project

Arizona-California . . .

. . . Region III

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

Laguna Dam.—Laguna Dam on the Colorado River was built in connection with the Yuma project and included in the original cost of the Yuma project, and in the public notices announcing

Irrigation District began in 1920. The total obligation of these contractors, in the amount of \$1,608,640 has become due and has been paid in its entirety. The total cost of Laguna Dam was \$2,101,374.

Since the payments by the California interests constitute an overlap of charges accruing against the Yuma project, the Yuma water users have been receiving credits (acts of June 28, 1926, 44 Stat. 776, and February 26, 1929, 45 Stat. 1321), on construction and operation and maintenance charges for the payments made by the Imperial Irrigation District, et al.

Determination of repayment obligation as of June 30, 1946:

Construction cost	\$1,600,000
Penalties funded	8,640

Total	1,608,640
-----------------	-----------

323

the repayment obligation.

Later it was planned that the All-American Canal, when built, would connect at Laguna Dam and in 1918 the Imperial Irrigation District contracted to repay part of the cost of Laguna Dam, and in 1934 the Coachella Valley County Water District and the city of San Diego assumed a portion of the cost. Payments by the Imperial

1
28
48

#17

Salt River Project

Arizona . . .

. . . Region III

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

The Salt River Valley Water Users' Association, in a series of repayment contracts, has assumed a total obligation to the United States of \$17,488,233. To June 30, 1946, \$10,269,356, or 59 percent, had become due and had been paid. This includes advance payments for 1947 through 1952 on the original debt, made by the association in 1943, 1944, and 1945 as a result of high crop values, and six installments on the cost of Bartlett Dam.

The project is operated by the Salt River Valley Water Users' Association. A total of \$2,246,726 in water rentals was collected prior to

the time that the association took over the operation of the project.

The extensive power system on the project is owned and operated by the association.

Determination of repayment obligation as of June 30, 1946:

Cost.....	\$22,607,408
Interest funded.....	866,574
Total.....	23,473,982
Construction revenues and contributed funds.....	5,447,541
Total.....	18,026,441
Nonreimbursable cost.....	382,097
Net.....	17,644,344
Adjustment to be made.....	¹ 156,111
Total.....	17,488,233

¹Decrease. Decrease covers charges deferred under 1922 contract and under relief acts.



All-American Canal Project

California . . .

. . . Region III

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

The Imperial Irrigation District, Coachella Valley County Water District, and the city of San Diego have contracted to repay a total of \$38,500,000 for construction of the Imperial Dam, desilting works, All-American Canal, Coachella Canal, and related structures, as authorized by the Boulder Canyon Project Act. Two power plants on the All-American Canal have been built by the Imperial Irrigation District.

Construction of the Coachella main canal is in progress. Repayment of the construction cost of the canal has not commenced.

Completed portions of the system were being operated by the United States as of December 31, 1946. Negotiations were in an advanced stage on that date, looking to the transfer of operation and maintenance to the Imperial Irrigation District of that portion of the Main All-American Canal below Station 1098, exclusive of the Coachella Canal.

Repayment of Construction Investment

PAY-OUT SCHEDULE¹

Fiscal year	Amounts due from contractors		
	Imperial Irrigation district	Coachella Valley County water district	City of San Diego
Contract obligation (total \$38,500,000)-----	\$24, 938, 446	\$13, 128, 078	\$433, 476
1948	249, 384	-----	-----
1949	249, 384	-----	-----
1950	249, 384	-----	-----
1951	249, 385	-----	-----
1952	249, 385	131, 281	4, 335
1953	498, 769	131, 281	4, 335
1954	498, 769	131, 281	4, 335
1955	498, 769	131, 281	4, 335
1956	498, 769	131, 280	4, 335
1957	498, 769	262, 562	8, 670
1958	498, 769	262, 562	8, 670
1959	498, 769	262, 562	8, 670
1960	498, 769	262, 562	8, 670
1961	498, 769	262, 562	8, 670
1962	498, 768	262, 562	8, 670
1963	748, 153	262, 562	8, 670
1964	748, 153	262, 562	8, 670
1965	748, 153	262, 562	8, 670
1966	748, 153	262, 561	8, 670
1967	748, 153	393, 842	13, 004
1968	748, 153	393, 842	13, 004
1969	748, 153	393, 842	13, 004
1970	748, 153	393, 842	13, 004
1971	748, 153	393, 842	13, 004
1972	748, 153	393, 842	13, 004
1973	748, 153	393, 842	13, 004
1974	748, 153	393, 842	13, 004
1975	748, 153	393, 842	13, 004
1976	748, 153	393, 842	13, 004
1977	748, 153	393, 842	13, 004

¹ Scheduled on assumed dates for commencement.

Central Valley Project

California . . .

. . . Region II

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
 BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

Authorized originally in 1935 as a Federal project, the Central Valley project is being constructed for the purposes of improvement of navigation, flood control, supplemental water for irrigation through redistribution between the Sacramento and San Joaquin areas, repulsion of salt water in the Delta area, power production, and fresh water for municipal and industrial uses.

Water is now being furnished on a limited basis for irrigation of some lands in the project, for recharging groundwater supplies, and for salinity control. A contract has been entered into with the Southern San Joaquin Municipal Utility

District for the sale of water. A similar contract is being negotiated with the Lindsay-Strathmore Irrigation District.

The Secretary of the Interior has approved a report on allocations of project costs and has forwarded it to the President. Establishment of the allocations provides the basis for repayment contract negotiations with water users and the fixing of rates for the sales of power.

Electric energy generated on the project provides revenue for amortizing the power investment and contributes to repayment of a large part of the irrigation investment. The Shasta power plant is already in service, with two units operating and two more soon to be ready for operation. The Keswick plant will also soon be in operation. Some transmission facilities have been provided and others are under construction to deliver energy for irrigation pumping and public contractors.



#20

Orland Project

California . . .

. . . Region II

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

The water users on the Orland project have contracted to repay a total of \$2,463,574 for the construction of East Park and Stony Gorge Dams and the project irrigation system. Repayments commenced in 1917 and as of June 30, 1946, a total of \$1,067,795, or 43 percent, had been paid. A total of \$1,095,144 had become due on that date. The unpaid balance of \$27,349 is owed by a relatively small number of individuals and the Bureau is now arranging for collection of this balance.

The Orland project is operated by the United States with funds advanced by the water users. Collections for operation and maintenance have

amounted to \$1,022,805 and for water rentals to \$124,666.

The United States deals directly with individual water users, and there is no repayment contract with the Orland Unit Water Users' Association.

Determination of repayment obligation as of June 30, 1946:

Cost.....	\$2,556,327
Operation and maintenance funded.....	49,090
Penalties funded.....	13,311
Total.....	2,618,728
Less construction revenues.....	147,505
Net.....	2,471,223
Adjustment to be made.....	17,649
Total.....	2,463,574

¹ Decrease. Decrease covers cancellation of water-right applications and deferments of charges under relief acts.



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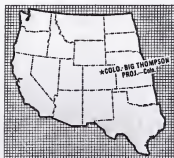
#21

Colorado-Big Thompson Project

Colorado . . .

. . . Region VII

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

A contract dated July 5, 1938, between the United States and the Northern Colorado Water Conservancy District provided for the repayment of \$25,000,000, or approximately \$40 per acre, which at that time was considered the equitable reimbursable portion of the cost of the project by the water users. Power revenues have been scheduled to account for the remainder of the construction cost of the irrigation facilities pend-

ing negotiations with the water users to reflect increased construction costs in an amendatory or supplemental repayment contract in accordance with the report of the House of Representatives Appropriations Committee (House Report No. 279). The project will provide supplemental irrigation water, by transmountain diversion and storage, for a large area in eastern Colorado.

At present the Green Mountain power plant (21,600 kilowatts) is in operation, and a portion of the transmission system is completed for delivery of power to the market areas. Other features of this project are still under construction. Supplemental irrigation water from the project storage system has not yet become available, and irrigation repayment has not commenced.



#22

Grand Valley Project

Colorado . . .

. . . Region IV

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

Gravity Division.—

The Grand Valley Water Users Association has contracted with the United States for a total of \$3,155,323, or approximately \$104 per irrigable acre, for construction of the project, exclusive of the Orchard Mesa Division. Repayments commenced in 1927 and on June 30, 1946, a total of \$476,082, or 15 percent, had become due and had been paid.

The United States operates the Grand Valley project and on June 30, 1946, had collected a total of \$927,300 from project water users to cover the cost of operation and maintenance. Collections of water rental charges amounted to \$631,924.

A power plant was constructed on the project with funds advanced by the Public Service Co. of Colorado. The company operates the plant and pays the United States \$12,000 per year as rental, which amount is credited on construction charges due from the Association.

Determination of repayment obligation as of June 30, 1946:

Gross cost	\$4,653,721
Penalties funded	2,958
	<hr/> 4,656,679
Less construction revenues	689,019
	<hr/> 3,967,660
Less charge-off, act of May 26, 1926	812,375
	<hr/> 3,155,285
Net	3,155,285
Adjustment to be made	38
	<hr/> 3,155,323
Total	83



Pine River Project

Colorado . . .

. . . Region IV

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

The project works are limited to Vallecito Dam and Reservoir constructed in 1940-41 to furnish supplemental water to lands in the Pine River Irrigation District and to Indian lands in the

same area. Repayments by the District commenced in 1944. The total obligation of \$1,844,460, including the share to be paid by the Office of Indian Affairs, may be subject to adjustments to reflect cost allocations, future work, and contractor's claims.

A total of \$69,168 had become due as of June 30, 1946, and \$56,250 has been paid by the Pine River District, leaving an unpaid balance of \$12,918. The unpaid balance represents proportionate charges that the irrigation district recommends be allocated to other project beneficiaries.

An appropriation for the Office of Indian Affairs will be required for its share of the construction payment when the final cost chargeable to that office has been determined.

Vallecito Reservoir is operated by the United States with funds advanced by the water users. A total of \$14,700 has been collected from the water users for this purpose.

The distribution system is privately owned and operated.

Determination of repayment obligation as of June 30, 1946:

Cost	\$3, 343, 747
Less construction revenues	2, 320
Net	3, 341, 427
Nonreimbursable appropriation by act of June 18, 1940	400, 000
Total	2, 941, 427
Nonreimbursable appropriation by act of Oct. 9, 1940	400, 000
Total	2, 541, 427
Future work	140, 000
Total	2, 681, 427
Costs allocated to flood protection	836, 967
Total	1, 844, 460

¹ Final amount to be repaid subject to negotiation with water users. Contractor's claim totaling \$200,000 in excess of cost shown to be settled.

Uncompahgre Project

Colorado . . .

. . . Region IV

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

In a series of repayment contracts, the Uncompahgre Valley Water Users' Association has assumed a total obligation of \$7,552,433. Of this amount \$1,516,433 has become due and \$653,805 has been collected. Delinquencies extend back to the year 1937. The association has not undertaken to meet in full its annual repayment installments in recent years, notwithstanding its present prosperity reflected in average crop values of \$46.63 per acre in the 1945 season. It does, however, meet the payments due under the contract for rehabilitation work, and minor amounts are received on Taylor Park Dam and Gunnison tunnel contracts as a few individuals make payments to the association.

The project was transferred to the association in 1932 for operation and maintenance. Prior to that time, a total of \$1,008,684 was collected from the association for operation and main-

tenance by the United States and \$1,229,828 for water rentals prior to issuance of public notice.

A comprehensive land reclassification and economic study of the project is in process under the direction of the Regional Director. On completion of the analysis of project difficulties and a determination of repayment ability, an amendatory repayment contract will be negotiated.

Determination of repayment obligation as of June 30, 1946:

Cost.....	\$10,663,530
Less construction revenues....	1,205,062
Total.....	9,458,468
Less charge-off, act of May 26, 1926.....	1,260,792
Net.....	8,197,676
Adjustment to be made..... ¹	645,243
Total.....	7,552,433

¹ Decrease. Decrease due to cancellation of water right applications, funding of delinquent charges, and deferments under relief acts.



#25

Boise Project

*Idaho . . .**. . . Region I*

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

irrigation districts in the Boise Valley. Power will also be generated at the dam.

Contracts for repayment of reimbursable portions of the cost of the dam allocated to irrigation have been executed as follows:

<i>Date of Contract</i>	<i>Contractor</i>	<i>Total Obligation</i>
Aug. 1, 1941	Boise-Kuna Irrigation District	\$1, 404, 765
July 2, 1941	Nampa-Meridian Irrigation District	1, 163, 895
Aug. 1, 1941	Wilder Irrigation District	1, 567, 515

Anderson Ranch Dam and Reservoir.—The United States is constructing the Anderson Ranch Dam and Reservoir for the benefit of irrigable lands in the Boise Federal Reclamation project and private

<i>Date of Contract</i>	<i>Contractor</i>	<i>Total Obligation</i>
Aug. 7, 1941	New York Irrigation District	\$513, 825
	Total	4, 650, 000
Nov. 10, 1943	Pioneer Irrigation District	313, 038
July 26, 1943	Settlers Irrigation District	65, 100
June 5, 1943	Farmers Union Ditch Co. Ltd.	79, 630
Oct. 5, 1944	New Dry Creek Ditch Co.	18, 020
June 25, 1945	Boise Valley Irrigation Ditch Co.	13, 370
Feb. 26, 1945	South Boise Mutual Irrigation Co. Ltd.	6, 045

The latter six districts listed above desire to use 11.2 percent of storage water reserved and to assume repayment of 11.2 percent of the maximum costs. The maximum obligations under the 1941 contracts will be reduced correspondingly.

Minidoka Project

Idaho . . .

. . . Region I

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

\$5,613,339. As of June 30, 1946, a total of \$4,028,637, or 72 percent, had become due and \$4,022,527 had been paid. The unpaid balance of \$6,110 has since been paid.

The United States operates the American Falls Reservoir for the benefit of the Minidoka project and has collected \$694,556 for operation and

American Falls Reservoir.—A number of irrigation districts and companies have contracted for the purchase of storage in the American Falls Reservoir and have contracted to repay a total of

maintenance of this reservoir and the Jackson Lake Reservoir.

Power revenues derived from the Lake Walcott plant credited to the Gravity Division of the project, are applied on the district's annual installments for American Falls storage.

Determination of repayment obligation as of June 30, 1946:

Cost.....	\$7,350,076
Interest on investment.....	194,816
Penalties funded.....	7,720
Total.....	7,552,612
Less construction revenues.....	76,437
Net.....	7,476,175
Chargeable to new divisions..	1,862,836
Total.....	5,613,339

#27

Lower Yellowstone Project

Montana-North Dakota . . .

. . . Region VI

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

The Lower Yellowstone project comprises the Lower Yellowstone Irrigation District No. 1 in Montana and Lower Yellowstone Irrigation District No. 2 in North Dakota. Together, these two districts have contracted with the United States to repay a total of \$4,097,429, or approximately \$71 per irrigable acre. To June 30, 1946, a total of \$1,037,569, or 25 percent, had become due and had been paid on the construction cost. Both districts are paying construction instalments on the 5 percent crop repayment plan authorized by the act of December 5, 1924.

A board of control has been established to operate the project and the United States has transferred operation of the entire irrigation system

to the board of control. Prior to such transfer, a total of \$338,563 was collected from the water users for operation and maintenance and \$140,885 for water rentals.

Determination of repayment obligation as of June 30, 1946:

Gross cost	\$3,685,433
Operation and maintenance funded	875,365
Penalties funded	47,529
Total	4,608,327
Less construction revenues	132,417
Total	4,475,910
Less charge-off, act of May 26, 1926	382,254
Net	4,093,656
Adjustment to be made	3,773
Total	4,097,429

#28

Buffalo Rapids Project

Montana . . .

. . . Region VI

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

The First and Second Divisions of the project have been constructed by the Bureau of Reclamation under authority of the Water Conservation and Utilization Act.

The First Division and two units of the Second Division are completed and a third unit is nearing completion.

Original plans were that the project was to be operated by the Department of Agriculture on completion and contracts for the repayment of reimbursable costs were to be negotiated by that Department. The Department of Agriculture has been operating the First Division for several years but it has now been decided that operation will

be assumed by the Bureau of Reclamation which will also operate the Second Division. The total reimbursable cost of the irrigation works of both Divisions, to be repaid by water users, is \$1,570,000, to be met in forty years after a development period. The Bureau of Reclamation will proceed with the negotiation of a repayment contract for the First Division as soon as such transfer has been made and with the Second Division as soon as the progress of construction and organization of the District permits.

Year	Area cropped or in cultivation (acres)	Total gross crop value ¹	Average crop value per acre
1940.....	2, 726	\$53, 655	\$19. 68
1941.....	5, 064	105, 271	20. 79
1942.....	9, 062	226, 638	22. 75
1943.....	11, 004	326, 230	29. 41
1944.....	13, 382	540, 777	40. 41
1945 ²	17, 673	640, 885	36. 26

¹ Includes Government benefit payments.

² Includes Second Division (Shirley and Terry Units).



#29

Fort Peck Project

Montana . . .

. . . Region VI

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

The Fort Peck Project Act of May 18, 1938 (52 Stat. 403), authorized the completion, maintenance, and operation of the Fort Peck project. The Secretary of War was responsible for completion of the dam and power plant. The Bureau of Reclamation is constructing and operating facilities for transmitting and marketing the electric energy.

Under the act, schedules of rates and charges for electric energy are approved by the Federal Power Commission.

All receipts from transmission and sale of electric energy are covered into the Treasury of the United States to the credit of miscellaneous receipts. The Treasury has set up, from such receipts, a continuing fund of \$500,000, to the credit of the Bureau of Reclamation, for operation and maintenance costs.

Sale of power began in fiscal year 1944.

Under authority of the act of May 18, 1938, the entire cost of the power plant will be repaid from power revenues and the right has been reserved

by the Federal Power Commission to allocate the cost of joint facilities between power development and other benefits.

Status of Repayment Account

Fiscal year	Repayable	Payout schedule	Balance repayable
	Cost of power system		
1944-----	\$7, 165, 581	\$345, 524	\$6, 820, 057
1945-----	7, 860, 940	44, 061	7, 471, 355
1946-----	8, 609, 159	80, 384	8, 138, 090
1947-----	10, 079, 112	1 135, 779	9, 744, 422
1948-----	15, 333, 794	1 91, 900	15, 091, 004
1949-----	18, 813, 794	151, 637	18, 419, 367
1950-----	20, 500, 079	231, 269	19, 874, 383
1951-----	21, 676, 779	577, 678	20, 473, 407
1952-----	22, 402, 579	637, 956	20, 561, 251
1953-----	22, 811, 679	644, 627	20, 325, 724
1954-----	22, 954, 988	1, 076, 294	19, 402, 749
1955-----	23, 112, 308	1, 085, 325	18, 464, 824
1956-----	23, 776, 000	1, 092, 568	18, 035, 858
1957-----	23, 776, 000	1, 102, 568	16, 933, 290
1958-----	23, 776, 000	1, 110, 068	15, 823, 222
1959-----	23, 776, 000	1, 115, 068	14, 708, 154
1960-----	23, 776, 000	1, 120, 068	13, 588, 086
1961-----	23, 776, 000	1, 125, 068	12, 463, 018
1962-----	23, 776, 000	1, 130, 068	11, 332, 950
1963-----	23, 776, 000	1, 132, 568	10, 200, 382
1964-----	23, 776, 000	1, 135, 068	9, 065, 314
1965-----	23, 776, 000	1, 137, 568	7, 927, 746
1966-----	23, 776, 000	1, 141, 318	6, 786, 428
1967-----	23, 776, 000	1, 145, 068	5, 641, 360
1968-----	23, 776, 000	1, 147, 568	4, 493, 792
1969-----	23, 776, 000	1, 150, 068	3, 343, 724
1970-----	23, 776, 000	1, 152, 568	2, 191, 156
1971-----	23, 776, 000	1, 152, 568	1, 038, 588
1972-----	23, 776, 000	1, 038, 588	0
Total-----		23, 776, 000	-----

¹ Loss.

Frenchtown Project

Montana . . .

. . . Region I

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

The Frenchtown Irrigation District requested the United States to construct its irrigation system and contracted to repay \$296,439 for this work, or approximately \$60 per irrigable acre.

Under the contract, repayment commenced in 1940 and a total of \$15,710 had become due on June 30, 1946. Of this amount, \$11,960 had been paid the United States. The unpaid bal-

ance, \$3,750, represents charges which the District now believes are in excess of what it should be asked to pay annually. Steps are being taken to reach an agreement with the District on terms of repayment to be incorporated in an amendatory contract.

The irrigation system has been operated by the Frenchtown Irrigation District since its construction.

Determination of repayment obligation as of June 30, 1946:

Cost	\$279, 099
Adjustment to be made	17, 340
Total	296, 439
	71



Huntley Project

Montana ...

... Region VI

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

The Huntley Project Irrigation District has a total contracted debt to the United States of \$1,831,915 or an average of \$62 per irrigable acre. Repayment by individuals commenced in 1908 and on June 30, 1946, a total of \$715,615, or 39 percent, had become due and had been paid to the United States.

The project works have been transferred to the Huntley Project Irrigation District for operation and maintenance. Prior to such transfer, a total of \$554,787 was collected from the water users

and paid to the United States for operation and maintenance and \$17,864 for water rentals.

Determination of repayment obligation as of June 30, 1946:

Gross cost	\$1,559,591
Operation and maintenance funded	361,950
Penalties funded	29,117
Total	1,950,658
Less construction revenues	27,837
Total	1,922,821
Less charge-off, act of May 26, 1926	62,050
Total	1,860,771
Adjustments to be made	28,856
Total	1,831,915

#32

Intake Project

Montana . . .

. . . Region VI

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

The Intake Irrigation District has contracted with the United States to repay \$46,900, or approximately \$55 per irrigable acre, which is the reimbursable portion of the cost of construction of irrigation facilities, under the Water Conservation and Utilization Act. The project, including 840 acres of irrigable land, was substantially completed in 1945 and water was turned into the canal system in 1946 for priming purposes.

Although determination has not yet been definitely made, it is assumed that notice will be issued, establishing 1947-50 as a 4-year development period, in accordance with the contract dated March 30, 1945, and that the initial installment of construction charges will become due in the fiscal year 1952.

The Board of Control of the Lower Yellowstone project will operate and maintain the Intake project works, first for the United States during the development period, and later as the operating agent for the Intake Irrigation District. Water users will pay their operation and maintenance and construction charges to the district, which will act as agent for the United States.

Repayment of Construction Investment

PAY-OUT SCHEDULE

	Fiscal year	Amount
Contract obligation		\$46,900
	1952	235
	1953	465
	1954	675
	1955	865
	1956	1,225
	1957	1,241
	1958	1,241
	1959	1,241
	1960	1,241
	1961	1,241
	1962	1,241
	1963	1,241
	1964	1,241
	1965	1,241
	1966	1,241
	1967	1,241
	1968	1,241
	1969	1,241
	1970	1,241
	1971	1,241
	1972	1,241
	1973	1,241
	1974	1,241
	1975	1,241
	1976	1,241
	1977	1,241
	1978	1,241
	1979	1,241
	1980	1,241
	1981	1,241
	1982	1,241
	1983	1,241
	1984	1,241
	1985	1,241
	1986	1,241
	1987	1,241
	1988	1,241
	1989	1,241
	1990	1,241
	1991	1,241

Contractor: Intake Irrigation District.

Milk River Project

Montana . . .

. . . Region VI

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

totaling \$585,202. Repayments commenced in 1937 and on June 30, 1946, a total of \$101,897, or 17 percent, had become due. A total of \$101,225 had been paid to the United States on construction charges.

In addition, a total of \$114,091 has been paid by the districts to cover the cost of operation and maintenance of the storage works by the United

Chinook Division.¹

The United States has constructed storage facilities for the benefit of five irrigation districts included in the Chinook Division. These districts have a contract debt to the United States

States and \$61,269 has been collected for water rentals.

Four of the Chinook Division irrigation districts have contracted for storage from Fresno Reservoir, repayment of which is covered separately in this volume.

Determination of repayment obligation as of June 30, 1946:

Gross cost	\$1,349,882
Penalties added	252
Total	1,350,134
Less construction revenues	72,938
Total	1,277,196
Less charge-off, Act of May 26, 1926	569,100
Total	708,096
Less not contracted	122,894
Total	585,202

¹ Exclusive of Fresno Reservoir,



#34

Sun River Project

Montana . . .

. . . Region VI

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

by the Fort Shaw Irrigation District, and the district is now repaying on the 5 percent crop repayment plan authorized by the act of December 5, 1924.

The total obligation of the district at the present time is \$475,840. As of June 30, 1946, \$274,759, or 58 percent, had become due and had been paid the United States.

A total of \$159,087 was collected from the water users for operation and maintenance prior to transfer to the district for operation. An

Fort Shaw Division.—The Fort Shaw Division was constructed in 1906, and repayments commenced in 1908, under individual water-right applications. These accounts were later assumed

additional \$2,813 has been collected for water rentals.

The irrigation system is operated by the Fort Shaw Irrigation District.

Determination of repayment obligation as of June 30, 1946:

Cost.....	\$555,912
Operation and maintenance funded.....	45,842
Penalties funded.....	12,049
Total.....	613,803
Less construction revenues.....	4,500
Total.....	609,303
Less charge-off, act of May 26, 1926.....	89,214
Net.....	520,089
Adjustment to be made.....	¹ 44,249
Total.....	475,840

¹ Decrease. Decrease covers cancellation of water-right applications and funding of delinquent charges.

263

North Platte Project

Nebraska-Wyoming . . .

. . . Region VII

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

Fort Laramie Division—

The Fort Laramie Division, comprising the Goshen Irrigation District, Wyoming, and the Gering and Fort Laramie Irrigation District, Nebraska,

is current in the construction payments due the United States on repayment contracts totaling \$10,542,413, neither district having an unpaid balance due. A total of \$2,288,633, or 22 percent of the obligation, has become due and has been fully collected. Repayments started in 1922, and are currently being made on the 5 percent repayment plan authorized by the act of December 5, 1924.

The United States operates the reserved works

with funds advanced by the water users of the North Platte project, and the two irrigation districts operate the distribution systems. A total of \$174,754 has been collected from the water users for operation and maintenance of reserved works. Water rental collections amount to \$272,711.

The water users, whose payments include the cost of the project power system, receive credit annually for net power earnings.

Determination of repayment obligation as of June 30, 1946:

Cost.....	\$9, 816, 598
Penalties funded.....	3, 168
Total.....	9, 819, 766
Less construction revenues.....	375, 926
Total.....	9, 443, 840
Adjustment to be made.....	1, 098, 573
Total.....	10, 542, 413



Humboldt Project

Nevada . . .

. . . Region IV

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

The United States constructed Rye Patch Dam and Reservoir to furnish supplemental water for the Pershing County Water Conservation District. The District has contracted to repay a total of \$1,350,000 or \$36 per irrigable acre for this construction work. Repayments under this contract commenced in 1943 and to June 30, 1946, a total

of \$117,109 had become due and had all been collected and paid to the United States.

The project, including the Rye Patch Reservoir, is operated by the Pershing County Water Conservation District. The total irrigable area is 37,046 acres, which is all privately owned land.

Determination of repayment obligation as of June 30, 1946:

Gross cost	\$1, 314, 762
Less construction revenues	123, 773
Total	1, 190, 989
Adjustment to be made	159, 011
Total	1, 350, 000

Newlands Project

Nevada . . .

. . . Region IV

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

periods have ranged from \$22 to \$80 per acre and from 10 to 40 years. About 20,000 acres were covered by vested water-right contracts on which no original construction charges are payable.

After passage of the Omnibus Adjustment Act in 1926 the Truckee-Carson Irrigation District contracted to repay the adjusted project original construction cost of "consenting" landowners. Some "nonconsenting" landowners have continued repayments in accordance with the terms of their original water-right applications.

The district also assumed an obligation to repay the cost of drainage and other supplemental construction work pursuant to specific contracts therefor, and for which benefits were apportioned uni-

One of the first reclamation projects to be constructed, repayments began in 1908 under individual water-right applications. With the passage of time, original construction charges and repayment

periods ranging from 7 to 30 years. In addition, a construction deficit of \$500,000 is repayable by credits at the rate of \$54 per acre for new water-right applications accepted by the district subsequent to January 1, 1942. The repayment periods for such district applications range up to 40 years.

All payments becoming due from water-right applicants or otherwise are paid by the district through assessments and collections on the county tax roll. Through its operation of the Lahontan power plant, the district receives the benefit of annual power credits.

The repayable debt at the present time covered by contract with the Truckee-Carson Irrigation District amounts to \$3,281,999. The district has paid a total of \$1,992,566. The total due to June 30, 1946, was \$1,992,658, or 61 percent of the total obligation.

The entire project works have been transferred to the Truckee-Carson Irrigation District for operation and maintenance. Before the transfer on January 1, 1927, \$1,174,582 was collected from the water users for operation and maintenance and \$28,291 for water rentals.



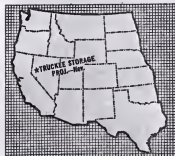
#38

Truckee Storage Project

Nevada . . .

. . . Region IV

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

The United States constructed Boca Dam and Reservoir for the benefit of lands in the Washoe County Water Conservation District, at a total cost of \$1,103,255. The act of May 29, 1941 (55 Stat. 210), established a limitation of \$1,000,000 as the repayment obligation of the district. The excess cost remains a loss to the Reclamation Fund. Repayments commenced in 1943. To

June 30, 1946, a total of \$75,340 had become due and had all been paid to the United States.

Boca Dam and Reservoir, as well as the irrigation system, are operated and maintained by the district.

Determination of repayment obligation as of June 30, 1946:

Cost.....	\$1,103,255
Less construction revenues and contributed funds.....	21,998
Net.....	1,081,257
Adjustment to be made.....	81,257
Total.....	1,000,000

271

Rio Grande Project

New Mexico-Texas . . .

. . . Region V

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

The project comprises the El Paso County Water Improvement District No. 1 in Texas and the Elephant Butte Irrigation District in New Mexico.

The El Paso County Water Improvement District

No. 1 has a total obligation to the United States of \$4,457,071, of which \$2,331,517, or 52 percent, had become due as of June 30, 1946, and had been paid.

The Elephant Butte Irrigation District has assumed an obligation of \$5,698,012, of which a total of \$3,025,383, or 53 percent, had become due and had been collected on June 30, 1946.

Net power revenues are applied to the repayment of the portion of construction costs which have been allocated to power features of the project.

The Rio Grande project is operated by the Bureau of Reclamation with funds advanced by the two districts. A total of \$8,079,154 has been

collected from the water users for operation and maintenance by the United States. Water rental collections have amounted to \$2,377,439.

El Paso County Water Improvement District No. 1
(El Paso Division)

Determination of repayment obligation of water users as of June 30,

1946:

Cost.....	\$5,220,459
Operation and maintenance funded.....	158,722
Penalties funded.....	16,933

Total.....	5,396,114
Less construction revenues and contributed funds.....	540,488

Total.....	4,855,626
Less charge-off, act of May 26, 1926.....	352,568

Net.....	4,503,058
Adjustment to be made.....	45,987

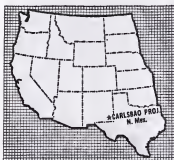
Total.....	4,457,071
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Carlsbad Project

New Mexico . . .

. . . Region V

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

The total sum contracted by the Carlsbad Irrigation District for construction of the project is \$3,741,761. Repayments began in 1910 and on June 30, 1946, a total of \$1,165,932 had become due. On the same date \$1,142,015 had been collected and paid the United States. The unpaid balance of \$23,917 represents a delinquency which is related to a serious water shortage on the project in 1946. Repayment of the obligation for original construction of the project is practically completed. The initial installment for the construction of the Alamogordo Dam and Reservoir became due in 1946. The construction obligation of the project, including Alamogordo

Dam and Reservoir, is approximately \$150 per acre.

The United States operates the Carlsbad project. On June 30, 1946, a total of \$1,451,684 had been collected from project water users in payment of operation and maintenance charges.

Determination of repayment obligation as of June 30, 1946:

Gross cost.....	\$3,990,096
Operation and maintenance funded.....	76,541
Penalties funded.....	16,855
	<hr/>
Less construction revenues.....	4,083,492
	47,846
	<hr/>
Less charge-off, act of May 26, 1926.....	4,035,646
	<hr/>
	374,884
	<hr/>
	3,660,762
Future work.....	80,999
	<hr/>
	3,741,761



Tucumcari Project

New Mexico . . .

. . . Region V

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

A contract between the United States and the Arch Hurley Conservancy District covers the repayment by the district of \$5,655,000 for the construction of irrigation facilities for the Tucumcari project. Repayment will be made in a 40-year period.

The estimated total cost of the project is \$14,852,000, based on 1945 costs. Contract dated December 27, 1938, with the Arch Hurley Conservancy District, limits the water users to repay only \$5,655,000, a part of which has been expended from the Reclamation Fund. Congress has appropriated the following sums for the construction of the project:

Reclamation fund.....	\$4, 238, 000
General fund (reimbursable).....	6, 950, 000
PWA (allocation) (nonreimbursable).....	2, 500, 000

Construction work is in progress and water service, available to about 7,000 acres in the first unit of the project, was initiated in the 1946 season. By public notice dated February 21, 1946, the Arch Hurley Conservancy District was notified of the availability of water and announcement was made of the water rental charges for the 1946 season.

The project is operated and maintained by the United States.

Repayment of Construction Investment

PAY-OUT SCHEDULE 1

	Fiscal year	Amount
Contract obligation.....		\$5, 655, 000
	1949	141, 375
	1950	141, 375
	1951	141, 375
	1952	141, 375
	1953	141, 375
	1954	141, 375
	1955	141, 375
	1956	141, 375
	1957	141, 375
	1958	141, 375
	1959	141, 375
	1960	141, 375
	1961	141, 375
	1962	141, 375
	1963	141, 375

See footnote at end of table.

#42

Altus Project

Oklahoma . . .

. . . Region V

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

The United States has constructed the Altus storage dam and is installing an irrigation system to irrigate land that has heretofore been dry-farmed. As a condition precedent to the initiation of construction, a contract

dated January 12, 1942, was entered into with the Lugert-Altus Irrigation District for repayment of \$3,080,000 in forty installments, this sum representing a fixed reimbursable cost met by appropriations from the Reclamation Fund. (Act of July 12, 1943, 57 Stat. 451.) The Congress has, however, appropriated from the Reclamation Fund additional money designated as "reimbursable," bringing the total reimbursable appropriations from this fund to \$5,184,610. In addition, appropriations have been made from the general fund, designated as reimbursable under the reclamation laws, totaling \$4,845,000.

The city of Altus has entered into a contract with the United States to repay \$1,080,000 of the cost of the project to obtain water for municipal use. Since the reimbursable portion of the con-

struction cost is fixed by law, the amount repaid by the city of Altus will reduce the amount to be collected from the water users. The reduced construction charges will be approximately \$29 per irrigable acre.

First irrigation water was available in 1946 and a notice was issued announcing the water rental rate for 1,760 acres of District land.

Construction is still in progress and repayment has not commenced. The United States is operating the irrigation system.

Repayment of Construction Investment

PAY-OUT SCHEDULE:

	Fiscal year	Amount
Contract obligation.....		\$3,080,000
	1950	77,000
	1951	77,000
	1952	77,000
	1953	77,000
	1954	77,000
	1955	77,000
	1956	77,000
	1957	77,000
	1958	77,000
	1959	77,000
	1960	77,000
	1961	77,000
	1962	77,000
	1963	77,000
	1964	77,000
	1965	77,000

See footnote at end of table.

#43

Klamath Project

*Oregon-California . . .**. . . Region II*

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

Langell Valley Irrigation District.

The districts, which comprise the Langell Valley Division, have contracted to repay a total of \$926,262. Repayments began in 1928 and as of June 30, 1946, \$128,774, or 14 percent, had become due and \$122,986 had been paid. The unpaid balance of \$5,788 was paid in July.

Langell Valley Division.—The United States has constructed irrigation works, including Clear Lake and Gerber Reservoirs for the irrigation of lands in the Horsefly Irrigation District and the Lan-

Moratoriums have extended the original repayment period to 1979.

The districts operate the distribution systems. The United States operate the reservoirs and \$30,052 has been collected from the districts for their operation and maintenance. Water rental collections have amounted to \$15,921.

Determination of repayment obligation as of June 30, 1946:

Gross cost	\$930,823
Less construction revenues	7,532
Total	923,291
Penalty funded	947
Net	924,238
Adjustment to be made	2,024
Total	926,262

113



#44

Owyhee Project

Oregon-Idaho . . .

. . . Region I

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

Contracts have been entered into with the Advance-ment Irrigation District, the Bench Irrigation District, the Crystal Irrigation District, the Gem Irrigation District, the Ontario-Nyssa Irrigation District, the Owyhee Irrigation District, the Payette-Oregon Slope Irrigation District, and the Slide Irrigation District, to pay the construction cost of the project. Their total contract obligation is \$17,845,605. Repayment will be made in 39 annual installments under the provisions of the original contracts.

Contract has also been entered into with the Owyhee Ditch Co. for purchase of 21,000 acre-feet of storage capacity in the Owyhee Reservoir at a price of \$300,000, payable in 30 equal annual installments. To June 30, 1946, the company had paid \$70,000 under this contract.

Special notices for the beginning of payment of construction charges have been issued to the eight districts and installments begin in 1946. These notices which depart from the terms of the con-

tracts, will apply for an interim period of 4 years, during which time the construction charges shall be \$2 per irrigable acre per annum. An amendment contract is in process of negotiation to adjust repayment schedules to the ability of the water users to pay and to account for all reimbursable funds expended on the project.

Prior to 1946 the project was operated on a water-rental basis and collections of rentals amounted to \$1,429,276 on June 30, 1946. These collections were used to offset the cost of operation and maintenance during this period.

Repayment of Construction Investment

PAY-OUT SCHEDULE

Fiscal year	Amounts due from contractors	
	8 Irrigation districts ¹	Owyhee Ditch Co.
Contract obligation (total \$18,145,605)-----	\$17, 845, 605	\$300, 000
Due to June 30--		
1946-----		70, 000
1947-----	204, 770	10, 000
1948-----	204, 770	10, 000
1949-----	204, 770	10, 000
1950-----	204, 770	10, 000
1951-----	204, 770	10, 000
1952-----	494, 757	10, 000
1953-----	494, 758	10, 000
1954-----	494, 757	10, 000

See footnote at end of table.

1
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48

#45

Deschutes Project

Oregon . . .

. . . Region I

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

first time in 1946 to 17,000 acres, on a rental basis.

A contract has been entered into with the Jefferson County Water Conservancy District to pay the reimbursable construction cost of the North Unit up to \$9,500,000, or \$190 per irrigable acre. Repayment will be made in 39 years.

In connection with the construction of the project, it was necessary to reconstruct the Crane

Construction of the North Unit of the Deschutes project has not been completed and repayment has not begun.

Facilities were completed to a point where irrigation water could be served for the

Prairie Reservoir, and for this work the Central Oregon Irrigation District has agreed to pay \$400,000 in 78 equal semiannual instalments, or approximately \$10 per irrigable acre. To June 30, 1946, the District had paid all due instalments, amounting to \$35,897. The Pacific Power and Light Company had paid \$2,970 on June 30, 1946, which was all that had become due on its repayment contract totaling \$23,760, for work performed by the Bureau in improving its facilities. The city of Prineville is obligated to repay \$10,679 for a concrete siphon built by the Bureau of Reclamation.

Determination of repayment obligation as of June 30, 1946:

Cost	\$5, 475, 227
Future work	4, 459, 212
Total	9, 934, 439

#46

Umatilla Project

Oregon . . .

. . . Region I

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

East Division.—The Hermiston Irrigation District is obligated to repay \$1,362,019 on the construction cost of Cold Springs Dam and irrigation works. Repayments were commenced in 1908 and on June 30, 1946, a total of \$312,677 had been paid to the United States. A total of \$515,490 had become due at the end of fiscal year 1946. The District has made no construction repayments since 1931 and now owes \$202,813.

Operation and maintenance of the Division was transferred to the water users in 1927. Prior to the transfer, a total of \$275,069 was collected from the water users for operation and maintenance by the United States.

Scheduled for the fiscal year 1947 is an extensive

economic study of project problems and the repayment ability of the water users, with a view to negotiation of an amendatory repayment contract, and the resumption of payment of construction charges.

Determination of repayment obligation as of June 30, 1946:

Cost.....	\$2, 155, 284
Operation and maintenance funded.....	112, 965
Penalties funded.....	20, 385
Total.....	2, 288, 634
Less construction revenues.....	16, 396
Total.....	2, 272, 238
Less charge-off, act of May 26, 1926.....	863, 621
Total.....	1, 408, 617
Adjustment to be made.....	46, 598
Total.....	1, 362, 019



#47

Vale Project

Oregon . . .

. . . Region I

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

A contract has been entered into with the Vale Oregon Irrigation District to pay the construction cost of the storage and distribution system of the Vale project, amounting to \$5,003,027, or \$154

per irrigable acre. Repayment will be made in 39 equal annual installments.

A special notice for the beginning of the payment of construction charges was issued early in 1946 and the initial semiannual payment of \$32,000 was due December 31, 1946. This notice, which departs from the terms of the contract, will apply for an interim period of 4 years, during which time the construction charges shall be \$2 per irrigable acre per annum.

The district advances funds for operation and maintenance of the project by the United States and to June 30, 1946, a total of \$357,447 had been collected. There had also been collected \$21,509

for water rentals. Negotiations are in progress to transfer operation and maintenance of the project to the Vale Oregon Irrigation District.

Repayment of Construction Investment

PAY-OUT SCHEDULE

	Fiscal year	Amount
Contract obligation		\$5, 003, 027
	1947	32, 000
	1948	64, 000
	1949	64, 000
	1950	64, 000
	1951	99, 815
	1952	135, 629
	1953	135, 629
	1954	135, 629
	1955	135, 629
	1956	135, 629
	1957	135, 629
	1958	135, 629
	1959	135, 629
	1960	135, 629
	1961	135, 629
	1962	135, 629
	1963	135, 629
	1964	135, 629
	1965	135, 629
	1966	135, 629
	1967	135, 629
	1968	135, 629
	1969	135, 629
	1970	135, 629
	1971	135, 629
	1972	135, 629
	1973	135, 629

#48

Belle Fourche Project

*South Dakota . . .**. . . Region VI*

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

Repayments on the Belle Fourche project, on an individual water right basis, began in 1909. After passage of the Omnibus Adjustment Act in 1926, the obligation was rescheduled in a

contract with the Belle Fourche Irrigation District, which provided for payment over a 40-year period, replacing the individual water right applications. The total contract obligation is \$5,320,632. This construction charge averages \$74 per irrigable acre. Of this amount, \$1,022,079, or 19 percent of the total obligation, had become due to June 30, 1946, and \$970,367 had been paid. A total of \$51,712 remained unpaid.

The project water users have had difficulties in recent years in meeting their annual contract payments and deferment of construction charges has been necessary in some years. A survey of the project, its financial and economic condition, is in progress for the purpose of analyzing the repayment ability of the water users. An amendatory

repayment contract will be negotiated as soon as a basis can be laid for rescheduling annual charges that the water users can be expected to repay.

The project is operated by the United States with funds advanced annually by the Belle Fourche Irrigation District. To June 30, 1946, a total of \$1,773,092 had been collected from the water users for operation and maintenance and \$15,600 for water rentals.

Determination of repayment obligation as of June 30, 1946:

Gross cost	\$4,630,392
Operation and maintenance funded	570,194
Penalties funded	106,383
	<hr/>
	5,306,969
Less construction revenues	31,030
	<hr/>
	5,275,939
Less charge-off, Act of May 26, 1926	379,032
	<hr/>
	4,896,907
Willow Creek Unit not built	423,725
	<hr/>
	5,320,632



#49

Balmorhea Project

Texas . . .

. . . Region V

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

Repairs and reconstruction work on the Balmorhea project in west Texas are in progress by the United States to supply supplemental water to 7,520 acres, the work being done under authority of

the Water Conservation and Utilization Act.

The Reeves County Water Improvement District No. 1 is obligated (contract of August 23, 1945), to repay \$255,600 on the construction cost, in forty annual instalments, to begin the year following the year in which notice is given to the district that the project works are sufficiently completed to provide their effective use for the benefit of project lands. The construction charges will be approximately \$34 per irrigable acre.

Repayment of Construction Investment
PAY-OUT SCHEDULE ¹

	Fiscal year	Amount
Contract obligation.....		\$255, 600
	1948	1, 300
	1949	2, 419
	1950	2, 319

Repayment of Construction Investment—Continued

PAY-OUT SCHEDULE ¹

	Fiscal year	Amount
	1951	\$2, 479
	1952	2, 639
	1953	2, 799
	1954	2, 709
	1955	2, 629
	1956	2, 559
	1957	2, 499
	1958	2, 449
	1959	2, 409
	1960	2, 379
	1961	2, 359
	1962	2, 349
	1963	2, 349
	1964	2, 359
	1965	2, 379
	1966	2, 409
	1967	2, 449
	1968	2, 499
	1969	6, 559
	1970	10, 719
	1971	10, 719
	1972	10, 719
	1973	10, 719
	1974	10, 719
	1975	10, 719
	1976	10, 719
	1977	10, 719
	1978	10, 719
	1979	10, 719
	1980	10, 719
	1981	10, 719
	1982	10, 719
	1983	10, 719
	1984	10, 719
	1985	10, 719
	1986	10, 719
	1987	10, 719
	1988	5, 359

¹ Scheduled on an assumed date for commencement of repayment.

Contractor: Reeves County Water Improvement District No. 1.



#50

Hyrum Project

Utah . . .

. . . Region IV

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUSS, *Commissioner*



LOCATION OF PROJECT

The Hyrum Dam and Reservoir have been constructed by the United States, and the South Cache Water Users' Association has contracted to repay \$930,000 for the construction work. Repayments commenced in 1940 and on June 30, 1946, a total of \$64,170 had become due, of which \$61,586 was paid. The remainder, which applies to the year 1942, has not been paid by the asso-

ciation, pending an understanding as to credit for material furnished by the association and used by the Bureau on construction.

Beginning in calendar year 1945, the construction charge instalments are computed on the "normal and percentage" plan authorized by the Reclamation Project Act of 1939.

This project is operated and maintained by the association.

Determination of repayment obligation as of June 30, 1946:

Gross cost	\$941,885
Less construction revenues	11,885
Total	930,000

103



#51

Moon Lake Project

Utah . . .

. . . Region IV

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

Moon Lake Dam and Reservoir have been constructed by the United States to furnish supplemental water for lands of the Moon Lake Water Users' Association. The association has contracted to repay a total of \$1,592,268, equal to \$22 per irriga-

ble acre. Repayment commenced in 1944. A total of \$119,420 had become due and had been paid on June 30, 1946.

The project is operated by the Moon Lake Water Users' Association.

Determination of repayment obligation as of June 30, 1946:

Cost	\$1,600,361
Less construction revenues	8,093
Total	1,592,268

#52

Newton Project

Utah . . .

. . . Region IV

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

The Newton Water Users Association has executed a contract with the United States covering the repayment of \$350,000 for construction of a storage reservoir to increase its water supply, the work being authorized by the Water Conservation and Utilization Act.

The Association was notified on November 1, 1945, that the project was substantially completed and water would be available in 1946. The 2-year development period allowed by contract commenced January 1, 1946, and construction charge installments will commence December 31, 1948.

Repayment of Construction Investment

PAY-OUT SCHEDULE

	Fiscal year	Amount
Contract obligation		\$350,000
	1949	8,750
	1950	8,750
	1951	8,750

Repayment of Construction Investment—Continued

PAY-OUT SCHEDULE

	Fiscal year	Amount
	1952	\$8,750
	1953	8,750
	1954	8,750
	1955	8,750
	1956	8,750
	1957	8,750
	1958	8,750
	1959	8,750
	1960	8,750
	1961	8,750
	1962	8,750
	1963	8,750
	1964	8,750
	1965	8,750
	1966	8,750
	1967	8,750
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	1972	8,750
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	1974	8,750
	1975	8,750
	1976	8,750
	1977	8,750
	1978	8,750
	1979	8,750
	1980	8,750
	1981	8,750
	1982	8,750
	1983	8,750
	1984	8,750
	1985	8,750
	1986	8,750
	1987	8,750
	1988	8,750

Contractor: Newton Water Users Association.

177



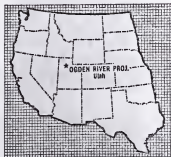
#53

Ogden River Project

Utah . . .

. . . Region IV

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

The Pine View Dam and Reservoir were constructed by the United States and a contract obligation of \$4,404,380 for the cost has been assumed by the Ogden River Water Users' As-

sociation, city of Ogden, Utah Light & Power Co., and the South Ogden Conservation District. A total of \$255,446 had become due to June 30, 1946, and this amount had been paid.

It was found necessary to defer the first two installments, totaling \$150,531, due from the Ogden River Water Users' Association for the years 1942 and 1943. A survey of project conditions is being made by the Regional Director of the Bureau of Reclamation. This includes studies

of water supply, soil quality, cropping programs, etc., for a determination of the repayment ability of the project lands.

The project is operated by the Ogden River Water Users' Association.

Of the balance of the total amount paid, the city of Ogden has paid its obligation of \$35,000 in full, instead of spreading it over a period of 10 years as provided in its contract; the Utah Power & Light Co. has paid \$52,223; and the South Ogden Conservation District has paid \$17,692.

Determination of repayment obligation as of June 30, 1946:

Cost	\$4,382,158
Less construction revenues	12,887
Net	4,369,271
Future work	35,109
Total	4,404,380

195



#54

Provo River Project

Utah . . .

. . . Region IV

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

A repayment contract was entered into on June 27, 1936, with the Provo River Water Users' Association to pay \$7,600,000 for the construction of the Deer Creek Division.

A supplemental repayment contract which raises the maximum repayment obligation of the water users to \$11,400,000 is being executed.

A repayment contract was entered into on November 16, 1939, with the Metropolitan Water District of Salt Lake City to pay \$5,550,000 for the construction of the Aqueduct Division. A supplemental repayment contract which raises the maximum repayment obligation of the district to \$8,043,650 has been approved for execution.

These supplemental contracts for the larger sums were made necessary by increased costs of construction due to changes in the general price level.

Construction of the Deer Creek Division will furnish a supplemental water supply for lands coming under the association, while the Aqueduct Division will provide conveyance of water for both irrigation and municipal purposes. Repayments will be made in forty annual installments.

Construction work is still in progress and repayment has not begun. Water rental collections have amounted to \$38,665 as of June 30, 1946.

No work has been done on the Utah Lake Division.

Repayment of Construction Investment PAY-OUT SCHEDULE¹

Fiscal year	Amounts due from contractors	
	Provo River Water Users Association	Metropolitan Water District of Salt Lake City
Contract obligation (total \$13,150,000)-----	\$7,600,000	\$5,550,000
1951	190,000	138,750
1952	190,000	138,750
1953	190,000	138,750
1954	190,000	138,750
1955	190,000	138,750

See footnote at end of table.

217

#55

Sanpete Project

*Utah . . .**. . . Region IV*

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

The Bureau of Reclamation has built the Ephraim tunnel and two feeder canals to furnish supplemental water to the Ephraim Irrigation Co., and the Spring City tunnel and two feeder canals to serve the Horseshoe Irrigation Co. The repayment contracts of these two companies for this work total \$373,376. Repayment began in the

fiscal year 1940 and to June 30, 1946, \$53,840 had become due, of which \$49,986 had been paid leaving an unpaid balance of \$3,854.

All project works are operated and maintained by the irrigation companies.

Determination of repayment obligation as of June 30, 1946:

Cost.....	\$374, 540
Less construction revenues.....	1, 284
Total.....	373, 256
Adjustment to be made.....	120
Total.....	373, 376



#56

Scofield Project

Utah . . .

. . . Region IV

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

The Bureau of Reclamation has rebuilt Scofield Dam, under authority of the Water Conservation and Utilization Act, to assure a reliable water supply for the Price River Basin.

The reimbursable portion of the construction cost is \$247,000. Under contract dated February 28, 1944, with the Carbon Water Conservancy District a total of \$216,000, or approximately \$21 per irrigable acre, is to be repaid in forty equal annual installments. Notice has been given to the district that the first construction charge installment in the amount of \$5,400 shall be due December 31, 1947.

A total of \$31,000 is to be repaid by the Utah State Fish and Game Commission, for built-in protection to fish life. To June 30, 1946, \$20,000 had been collected on this account and \$11,000 will become due in fiscal year 1947.

The project works are operated and maintained by the Bureau of Reclamation, pending the possibility of constructing the Gooseberry project.

Repayment of Construction Investment

PAY-OUT SCHEDULE

Fiscal year	Amounts due from contractors	
	Carbon Water Conservancy District	Utah State Fish and Game Commission
Contract obligation (total \$247,000)-----	\$216,000	\$31,000
Due to June 30-----		
1946-----		20,000
1947-----		11,000
1948-----	5,400	
1949-----	5,400	
1950-----	5,400	
1951-----	5,400	
1952-----	5,400	
1953-----	5,400	
1954-----	5,400	
1955-----	5,400	
1956-----	5,400	
1957-----	5,400	
1958-----	5,400	
1959-----	5,400	
1960-----	5,400	
1961-----	5,400	
1962-----	5,400	



#57

Strawberry Valley Project

Utah . . .

. . . Region IV

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

By a contract dated September 28, 1926, the Strawberry Water Users' Association assumed an obligation to repay to the United States the construction cost of the project which, in the total amount of \$3,349,424, is principally based upon obligations under individual water-right applications. On some lands these applications require repayments over periods ranging from 20 to 40 years. On certain other lands of the Highline and Spanish Fork Divisions of the project the water-right applications provide for individual payments, which are now made to the association, based on the 5 percent crop repayment plan authorized by the act of December 5, 1924. Of the total obligation, an amount of \$174,745, unsecured by individual contracts, is payable in 40

equal annual installments by the association. On June 30, 1946, a total of \$1,922,139, representing all of the accrued charges, or 57 percent of the association's obligation, had been paid.

The project was transferred to the association in 1927 for operation and maintenance. A total of \$376,881 was collected for operation and maintenance and \$17,596 for water rentals up to the time when the works were transferred.

Through the operation of the project power plant, the association receives the benefit of annual net power revenue credits.

Determination of repayment obligation as of June 30, 1946:

Cost.....	\$3, 519, 935
Operation and maintenance funded.....	42, 238
Penalties funded.....	47, 398
Total.....	3, 609, 571
Less construction revenues.....	260, 147
Total.....	3, 349, 424

259



Weber River Project

Utah . . .

. . . Region IV

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

The United States constructed Echo Dam and Reservoir to furnish supplemental irrigation water for lands of the Weber River Water Users' Association, and the Association has contracted to repay a total of \$2,685,872, or \$30 per irrigable acre, for this construction work.

Repayments commenced in 1937. To June 30,

1946, a total of \$922,014, or 34 percent, had become due the United States on this construction debt and had all been paid by the association.

Echo Reservoir is operated by the Weber River Water Users' Association.

Determination of repayment obligation as of June 30, 1946:

Cost	\$2,731,783
Less construction revenues	46,346
Net	2,685,437
Adjustment to be made	435
Total	2,685,872

#59

Columbia Basin Project

Washington . . .

. . . Region I

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

under the provisions of the Reclamation Project Act of 1939.

In a report by the Bureau of Reclamation and the Bonneville Power Administration (House Document No. 172, 79th Congress, 1st Session), the cost of construction has been allocated among the several purposes of the project and the part of

The project was authorized for construction by the Rivers and Harbors Act approved August 30, 1935. The Columbia Basin Project Act of 1943 (57 Stat. 14) reauthorized the project, bringing it

the Government's investment that is to be returned from various revenue-yielding sources.

The approved allocations of costs are as follows:

Irrigation.....	\$341, 929, 994
Commercial power.....	113, 827, 243
Downstream river regulation.....	30, 272, 991
Flood control and navigation.....	1, 000, 000

Allocations to flood control and navigation are nonreimbursable. It has been determined tentatively that the irrigation water users will be able to pay directly approximately \$87,465,000, or \$85 per irrigable acre, and it is expected that an additional \$50,500,000 will be repaid by the water users as an operation and maintenance charge for the use of power for irrigation pumping. Net power revenues will return direct construction costs totaling \$348,065,228.



#60

Okanogan Project

Washington . . .

. . . Region I

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

The Okanogan Irrigation District has contracted to pay \$425,887 to the United States for construction of the project. Repayments commenced in 1909 and to June 30, 1946, a total of \$188,328

had become due. The district had collected and paid the United States a total of \$138,328. No construction payments have been made by the district in recent years.

In 1929 the project was transferred to the Okanogan Irrigation District for operation and maintenance. Prior to that time a total of \$371,442 was collected from the water users for operation and maintenance by the United States and \$110,645 for water rentals.

The Okanogan project is primarily an apple-raising area. The water supply is not adequate for the entire project acreage as originally planned, orchards have been abandoned, and the water

users have been having difficulty in meeting the annual contract installments.

Deferments under relief acts have been granted to and including the 1940 charges in a total amount of \$109,960. This project is scheduled for early investigation and study to determine what remedial action should be taken to place the project water users again in position to meet their annual contract charges.

The negotiation of an amendatory repayment contract will be necessary.

Determination of repayment obligation as of June 30, 1946:

Cost	\$1, 456, 866
Operation and maintenance funded	25, 194
Penalties funded	1, 688
Total	1, 483, 748
Less construction revenues	59, 999
Total	1, 423, 749
Less charge-off, act of May 26, 1926	997, 862
Total	425, 887

199



#61

Yakima Project

Washington . . .

. . . Region I

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

Kittitas Division.—

The Kittitas Reclamation District contracted in 1925 for the repayment of \$8,991,653 for construction of an irrigation system for district lands.

Under the contract, repayments commenced in 1938 and on June 30, 1946, a total of \$700,356, or 7.8 percent, had become due and had been paid. The District is paying construction charges on the 5 percent crop repayment plan authorized by the act of December 5, 1924.

The irrigation system is operated by the Kittitas Reclamation District. Since 1940 the United

States has been operating Easton Diversion Dam with funds advanced by the district. A total of \$229,488 has been collected from the district for this purpose and for operation and maintenance of storage reservoirs.

Determination of repayment obligation as of June 30, 1946:

Cost	\$8, 975, 359
Operation and maintenance funded	16, 294
Total	8, 991, 653
Less construction revenues	12, 577
Net	8, 979, 076
Adjustment to be made	12, 577
Total	8, 991, 653

305

Kendrick Project

Wyoming . . .

. . . Region VII

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

cover both storage works and an irrigation system.

The total cost of the irrigation system is estimated to be \$12,958,000. The cost in excess of

The Casper-Alcova Irrigation District has contracted to repay \$2,800,000, or \$80 per acre, which is the reimbursable portion of the cost of the first unit of the Kendrick project. Construction costs cov-

the amount to be repaid by the water users (\$2,800,000) will be reimbursed from net power revenues.

The estimated cost allocated to power features of the project is \$8,487,000. To June 30, 1946, a total of \$1,732,791 had been applied to the repayment of this investment from net earnings.

Initial irrigation service from the project system for approximately 5,000 acres began in 1946 and a notice of water rental charges was issued early in the spring. Repayment of construction charges by the water users has not begun.

The United States is operating the project.

#63

Riverton Project

Wyoming . . .

. . . Region VI

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

The Pavilion and Pilot Divisions of the project, included in the Midvale Irrigation District, are obligated to repay \$5,101,965 as of June 30, 1946. Additional construction costs will be allocated to new

lands to be developed in the North Division.

The first two annual installments of construction charges, in the total amount of \$74,564, have become due and all but \$113 had been paid on June 30, 1946. The balance has since been paid.

The amount of the Midvale District's obligation changes slightly each year to reflect credits from savings or funding of losses in the annual operation and maintenance of the project.

The power system of the Riverton project is set up on an independent accounting basis. The

estimated cost is \$650,192 and to June 30, 1946, a total of \$94,661 had been repaid through net power revenues.

The project is operated by the United States. To June 30, 1946, a total of \$573,596 had been collected in water-rental charges.

Construction of irrigation structures to reach additional lands is in progress.

Determination of repayment obligation as of June 30, 1946:

Cost.....	\$5,793,592
Operation and maintenance funded.....	120,149
Total.....	5,913,741
Less construction revenues.....	30,744
Net.....	5,882,997
To be covered by future con- tract.....	781,032
Total.....	5,101,965

231



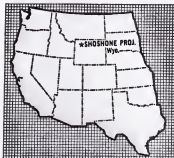
#64

Shoshone Project

Wyoming . . .

. . . Region VI

UNITED STATES DEPARTMENT OF THE INTERIOR, J. A. KRUG, *Secretary*
BUREAU OF RECLAMATION, MICHAEL W. STRAUS, *Commissioner*



LOCATION OF PROJECT

menced in 1918 and to June 30, 1946, a total of \$97,500 had become due. There had been paid to the United States on the same date a total of \$95,126.

The district is paying construction charges in accordance with the act of December 5, 1924, which authorized the 5 percent crop repayment plan.

The irrigation system is operated and maintained by the Deaver Irrigation District and the reserved works (Shoshone Dam, Reservoir, and power system) are operated by the United States.

A total of \$108,346 has been collected from the district water users for operation and maintenance

Frannie Division.—

The Deaver Irrigation District has contracted to repay a total of \$1,724,365 to the United States for construction of an irrigation system to serve the district lands.

Repayments com-

by the United States and \$25,953 for water rentals.

Net power revenues are being applied to a portion of the project construction cost which has been allocated to power development.

Determination of repayment obligation as of June 30, 1946:

Gross cost.....	\$2,813,677
Operation and maintenance funded.....	172,643
Penalties funded.....	155

Total.....	2,986,475
Less construction revenues.....	32,789

Total.....	2,953,686
Less charge-off, act of May 26, 1926.....	1,228,876

Net.....	1,724,810
Adjustment to be made.....	1445

Total.....	1,724,365
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¹ Decrease. Decrease is due to cancellation of individual water-right applications.

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Columbia Basin PROJECT



U.S. DEPARTMENT OF THE INTERIOR
Stewart L. Udall, Secretary
BUREAU OF RECLAMATION, Floyd E. Dominy, Commissioner
[1961]